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(54) REINFORCED CONCRETE STRUCTURE, CONSTRUCTION METHOD THEREOF, AND REINFORCING BAR RESTRAINT JIG

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a reinforced concrete structure to effectively restrain the bulging-out of a main reinforcing bar and to easily assemble reinforcing bars and its constructing method, and to provide a reinforcing bar restraint jig to construct the concrete structure.

SOLUTION: In this reinforced concrete structure, a plurality of main reinforcing bars 11 are arranged in the vertical direction in a concrete in the vicinity of two side surfaces opposite to each other, and a plurality of horizontal reinforcing bars 12 are arranged outside thereof. The horizontal reinforcing bars 12 corresponding to each other in the vicinity of both side surfaces of the concrete are connected to each other by a plurality of reinforcing bar restraint jigs 13. The reinforcing bar restraint jig 13 comprises a triangular restraint jig 14 to surround two

horizontal reinforcing bars, and an intermediate connection member to connect two restricting jigs corresponding to each other, the outward displacement of the horizontal reinforcing bar 12 is restricted, and the main reinforcing bare 11 is prevented from bulging out.

